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JAPANESE PATENT OFFICE

## PATENT ABSTRACTS OF JAPAN

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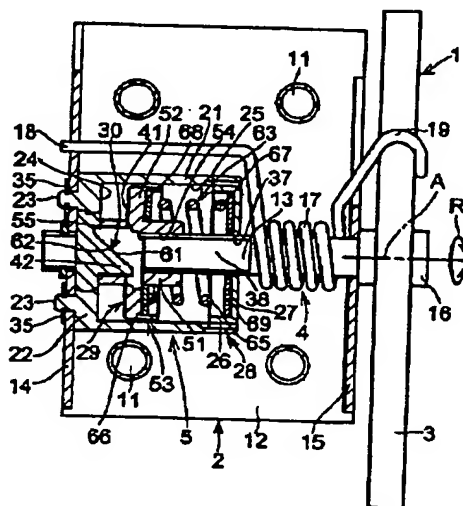
(54) PEDAL DEVICE FOR AUTOMOBILE AND DAMPER SUITABLE FOR THE PEDAL DEVICE

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(57) Abstract:

**PROBLEM TO BE SOLVED:** To provide a pedal device capable of expand the range of pedal depression force capable of fixedly maintaining the turning position of a pedal arm in accordance with the depression quality of a pedal, which can be compactly installed as compared with a dummy cable and which is capable of extremely simply executing reaction adjustment having a hysteresis characteristic and provided with a damper reduced at its characteristic changes and the damper suitable for the pedal device.

**SOLUTION:** The pedal device 1 for an automobile is provided with a supporting frame 2, an accelerator pedal arm 3 supported by the frame 2 so as to be freely rotated around an axis A in an R direction to be a direction around the axis A, a spring means 4 for rotationally energizing the arm 3 to an initial turning position, and the damper 5 for applying resistance to be gradually increased to the rotation of the arm 3 from the initial turning position in the R direction.



(51) Int. Cl

G05G 1/14

B60K 26/02

F16F 7/06

(21) Application number: 11338704

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(71) Applicant: OILES IND CO LTD

(72) Inventor: KOJIMA MASAMITSU  
IGARASHI YOSHITERU  
KUMAZAWA KATSUTOSHI

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(71)Applicant : OILES IND CO LTD

(22)Date of filing : 29.11.1999

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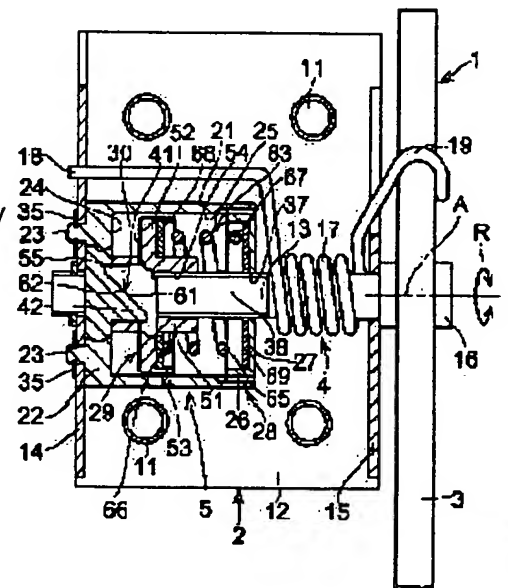
KUMAZAWA KATSUTOSHI

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## LEGAL STATUS

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